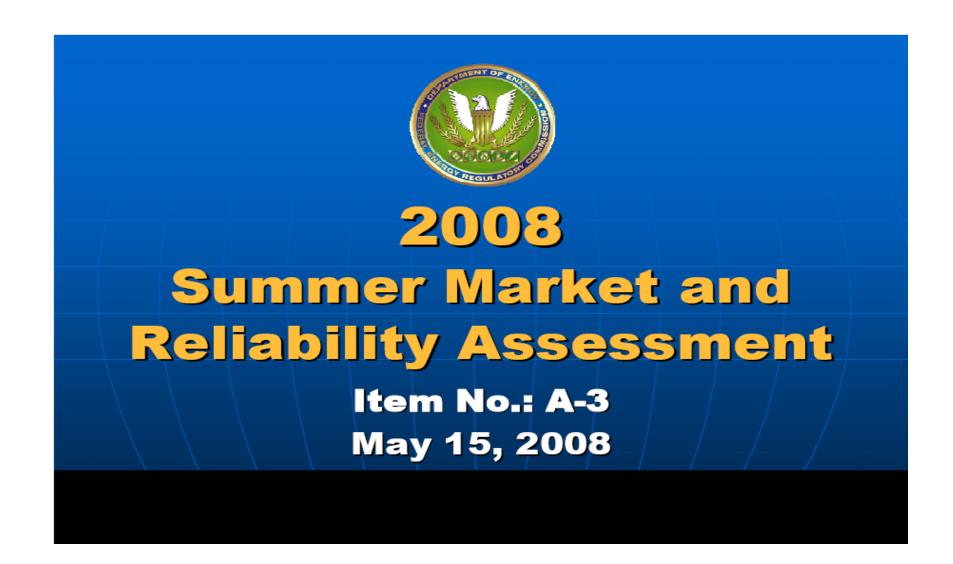
OE ENERGY MARKET SNAPSHOT

Northeast States Version – April 2008 Data

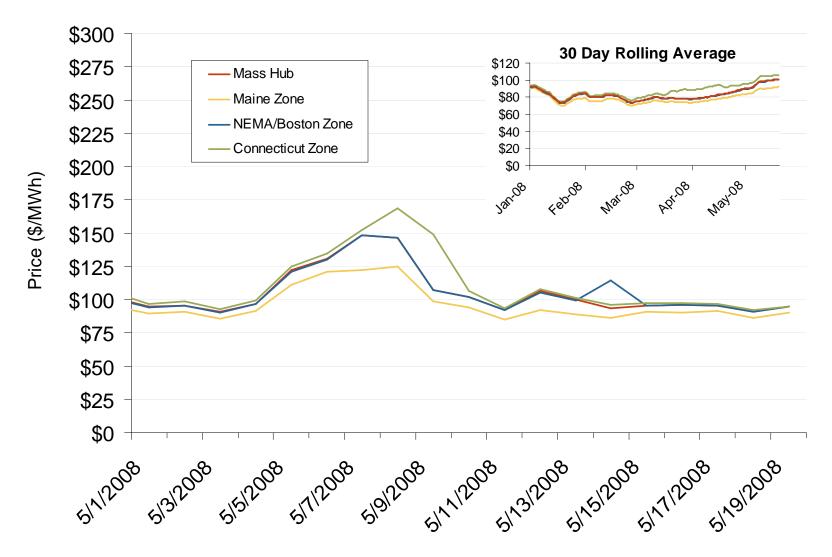
- Market Fundamentals
- Prices and Market Analysis

Office of Enforcement
Federal Energy Regulatory Commission
May 2008



May 2008 New England Update

Daily Average of ISO-NE Day-Ahead Prices - All Hours



Source: Derived by *Bloomberg* from *ISO-NE* data as reported by *Bloomberg*.

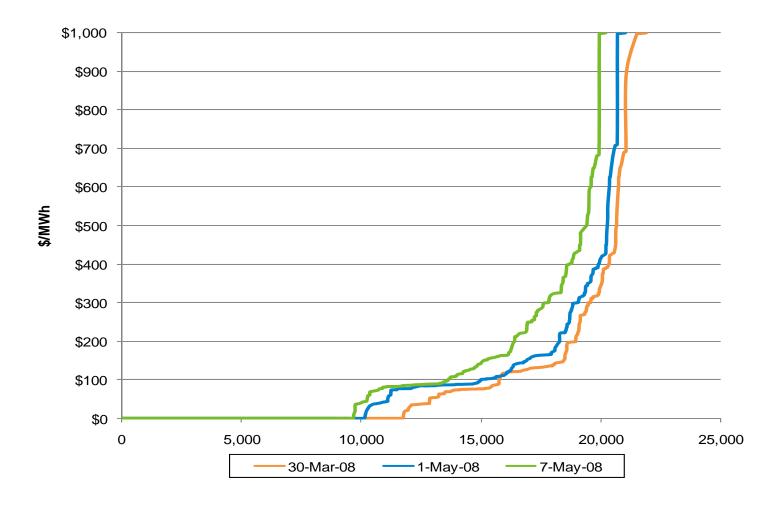
1st Week of May: Peak Load, Outages, and LMPs

	Date	Peak Load (prelim.)	Generator Outages	Projected Surplus	Average Hub LMP
Thursday	5/1/2008	15,711	8,751	1,870	95.09
Friday	5/2/2008	15,785	8,295	923	118.19
Saturday	5/3/2008	14,540	10,578	384	117.03
Sunday	5/4/2008	14,600	10,679	344	100.86
Monday	5/5/2008	15,627	10,663	680	160.20
Tuesday	5/6/2008	15,792	10,888	978	161.18
Wednesday	5/7/2008	15,873	12,866	243	182.91
Thursday	5/8/2008	16,259	10,534	1,870	105.01
Friday	5/9/2008	15,450	10,237	2,832	77.10

Note: "Generator Outages" and "Projected Surplus" are from the ISO-NE morning report. With the exception of Hub LMPs, all values should be considered preliminary and subject to change.



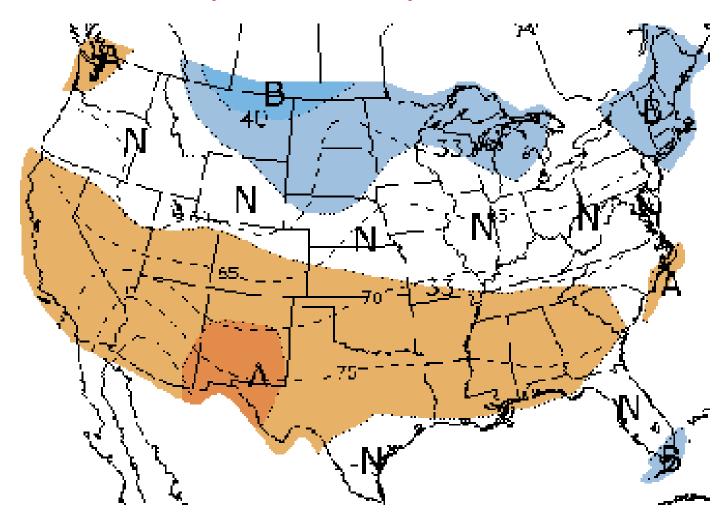
Supply Stack Comparison







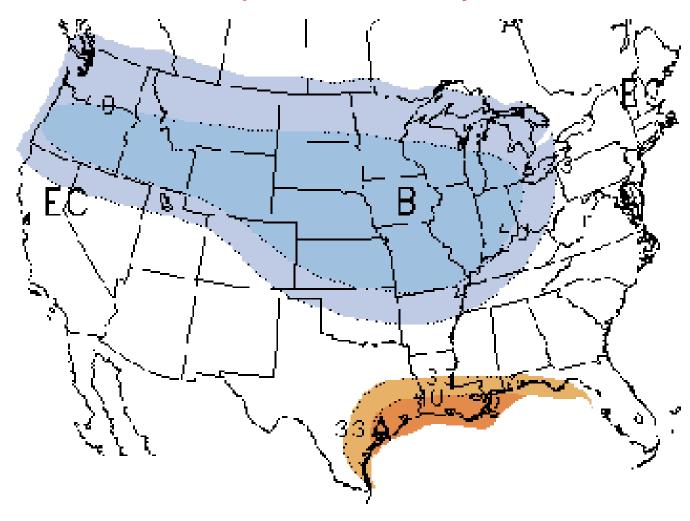
NOAA's 8 to 14 Day Temperature Forecast Made May 18, Valid for May 26 – June 1, 2008



Note: "A" areas are above normal and "B" areas are below normal. Normal is based on the last 30 years of data.

Source: NOAA

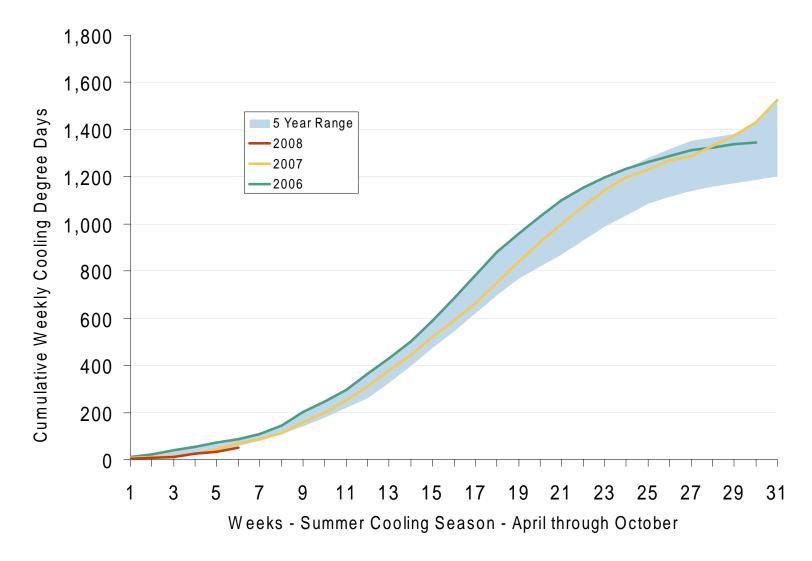
NOAA's Monthly Temperature Forecast Made April 30, Valid for May 2008



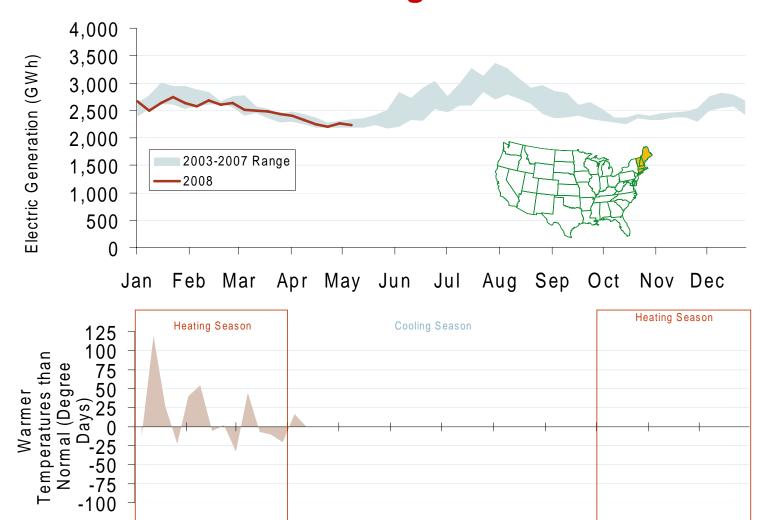
Note: "A" areas are above normal, "B" areas are below normal and "EC" means equal chance. Normal based on the last 30 years of data.

Source: NOAA Updated May 12, 2008

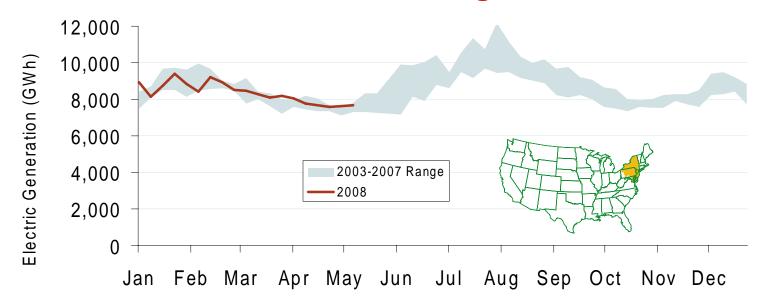
U. S. Summer Cumulative Cooling Degree Days

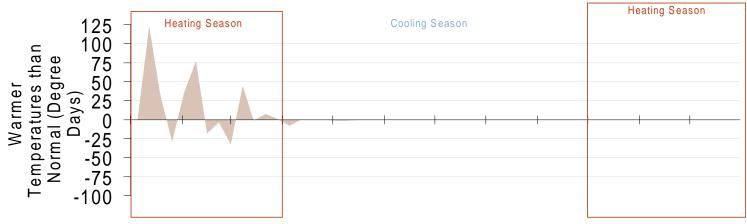


Weekly Electric Generation Output and Temperatures New England

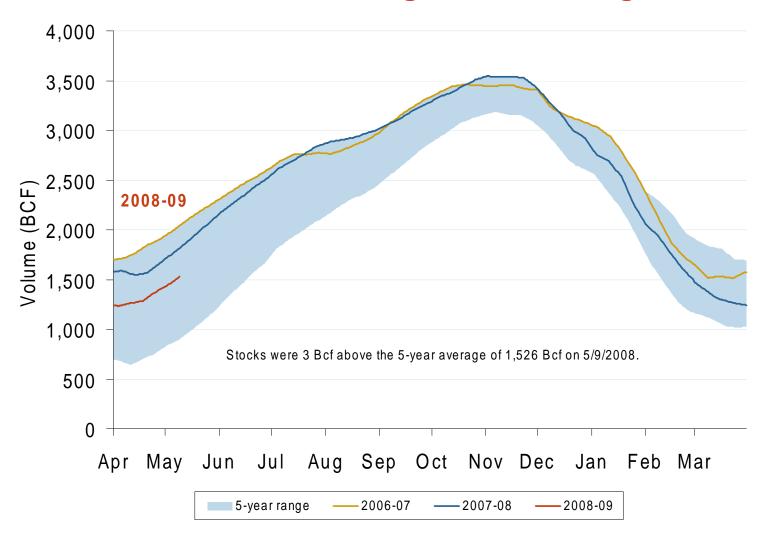


Weekly Electric Generation Output and Temperatures Mid Atlantic Region



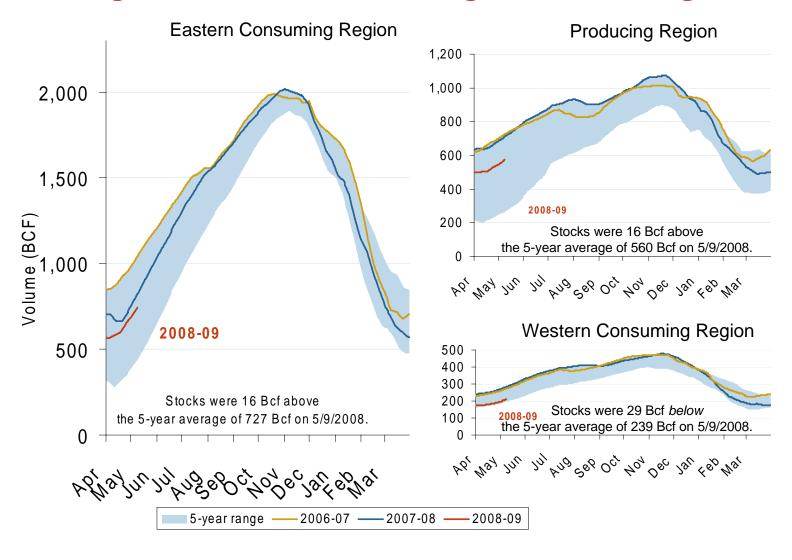


Total U.S. Working Gas in Storage

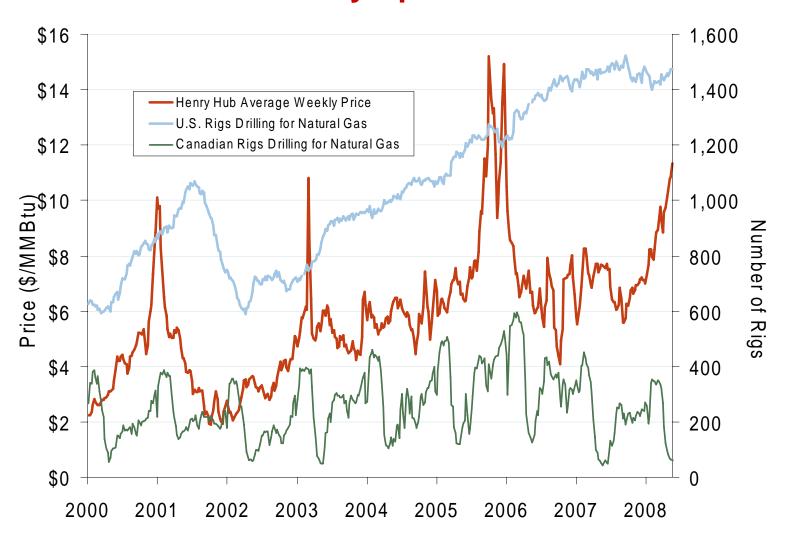


Source: Derived from EIA data.

Regional Totals of Working Gas in Storage



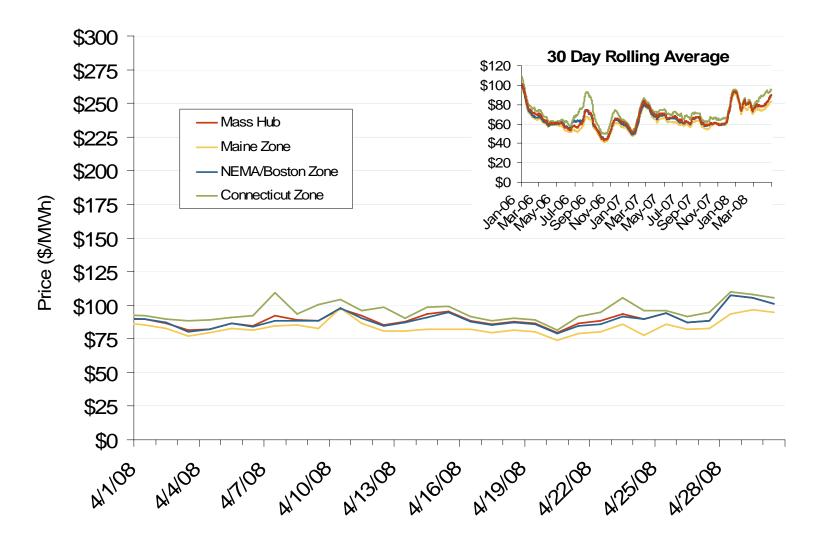
U.S. and Canadian Natural Gas Drilling Rig Count and Daily Spot Prices



Source: Derived from Platts and Baker Hughes data.

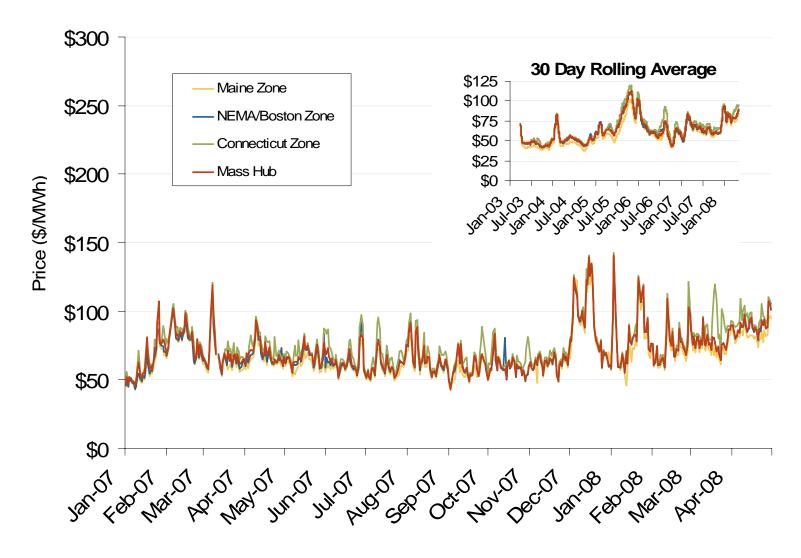
Prices and Market Analysis

Daily Average of ISO-NE Day-Ahead Prices - All Hours



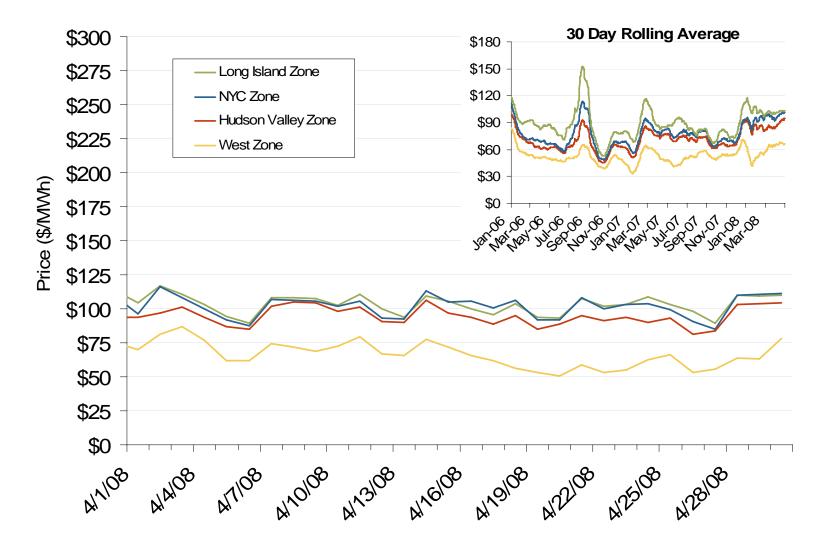
Source: Derived by *Bloomberg* from *ISO-NE* data as reported by *Bloomberg*.

Daily Average of ISO-NE Day-Ahead Prices - All Hours

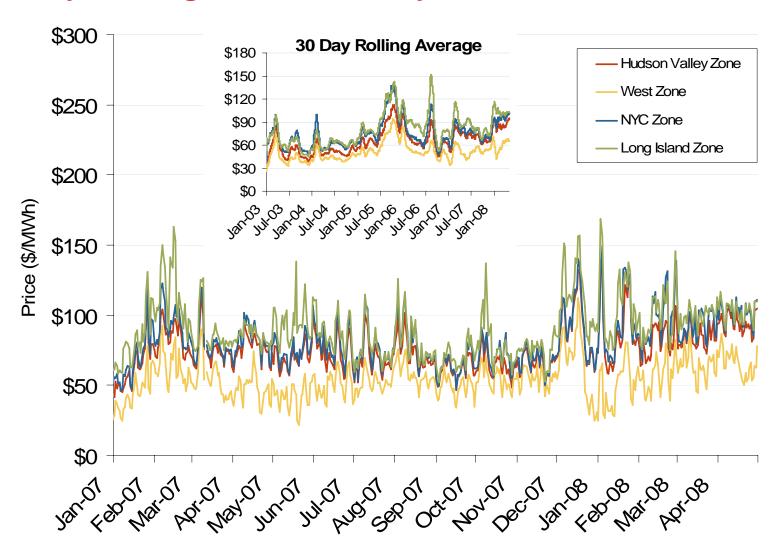


Source: Derived by *Bloomberg* from *ISO-NE* data as reported by *Bloomberg*.

Daily Average of NYISO Day-Ahead Prices - All Hours

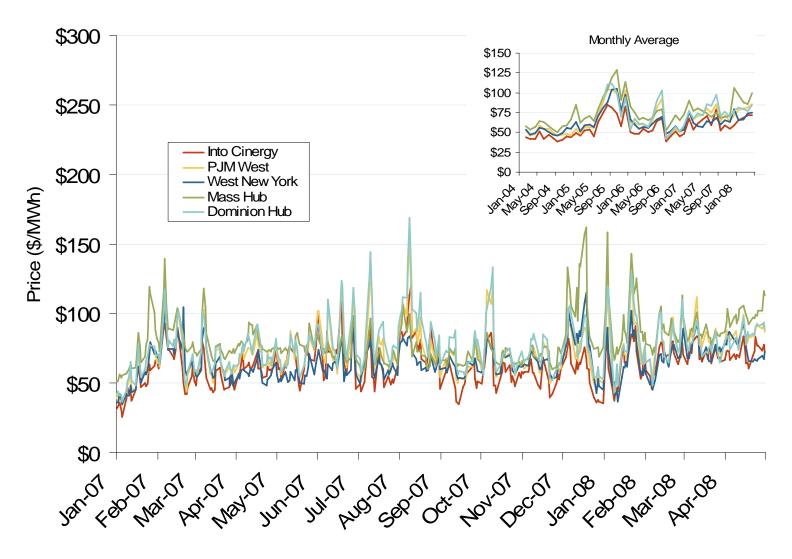


Daily Average of NYISO Day-Ahead Prices - All Hours



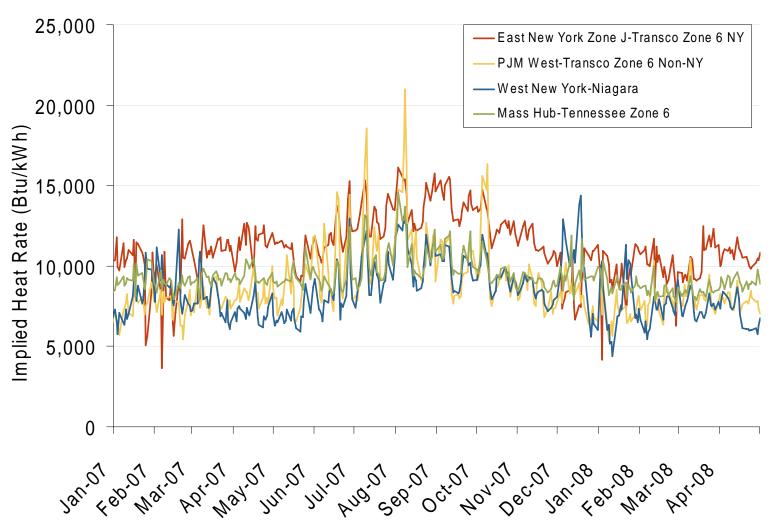
Source: Derived by Bloomberg from NYISO data as reported by Bloomberg.

Eastern Daily Bilateral Day-Ahead On-Peak Prices

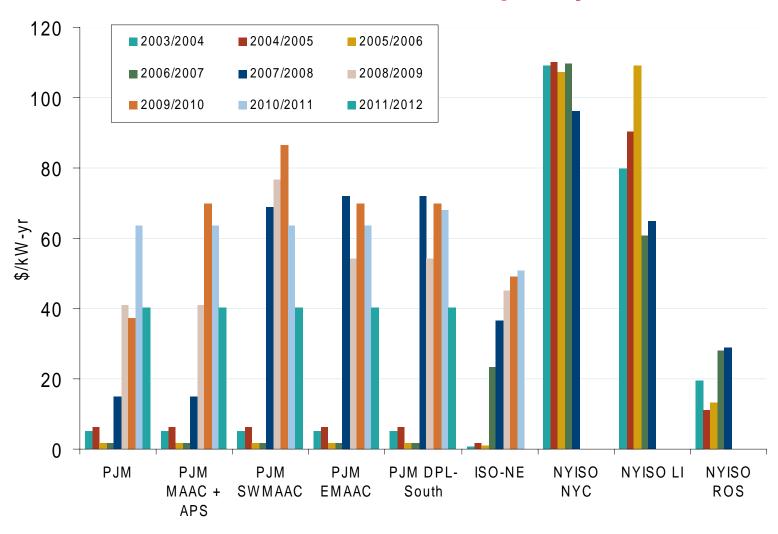


Source: Derived from *Platts* data.

Implied Heat Rates at Eastern Trading Points



PJM, NYISO and ISO-NE Capacity Prices

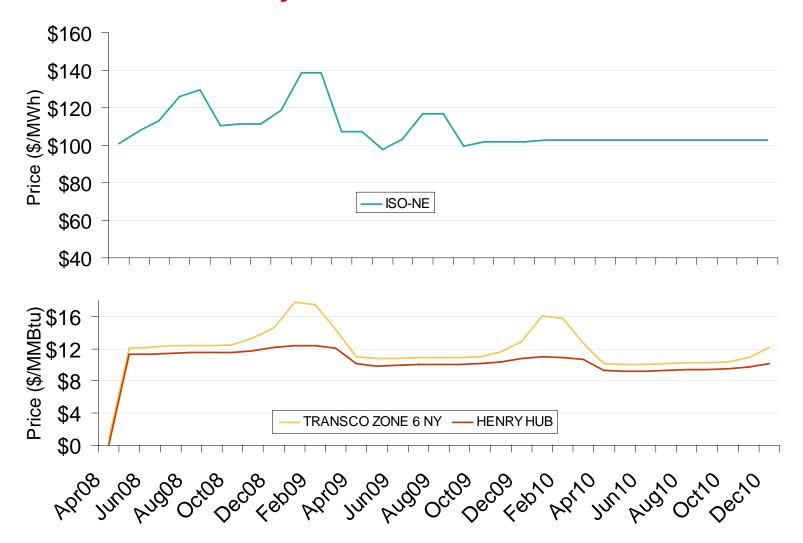


Note: PJM values are for Base Residual Auctions only.

ISO-NE results for 2010/2011 are based on preliminary FCM auction before pro-rationing and EAS adjustment.

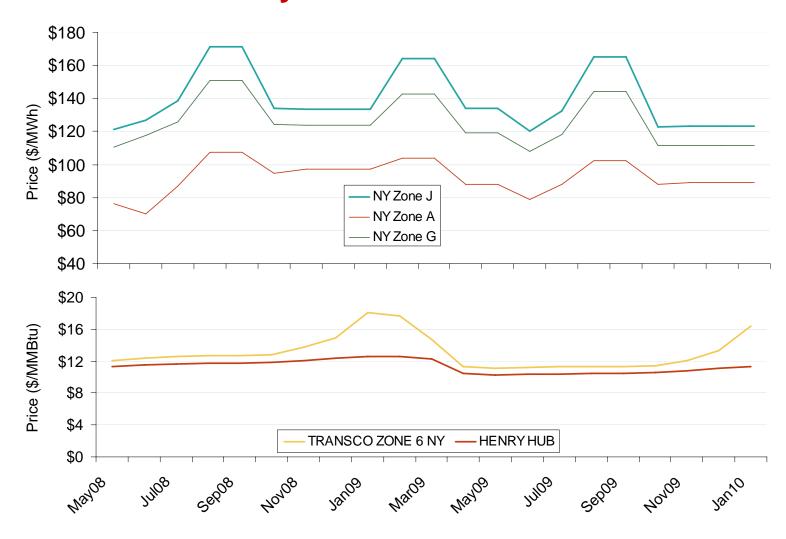
Source: Derived from PJM, NYISO and ISO-NE data

New England Electric Forward Price Curve and New York and Henry Hub Natural Gas Forward Curves



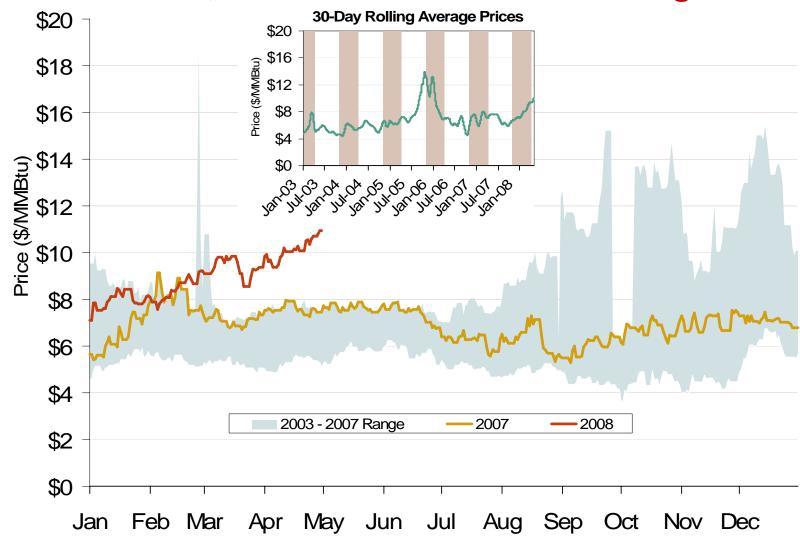
Source: Derived from *Nymex* data.

New York Electric Forward Price Curves and New York and Henry Hub Natural Gas Forward Curves



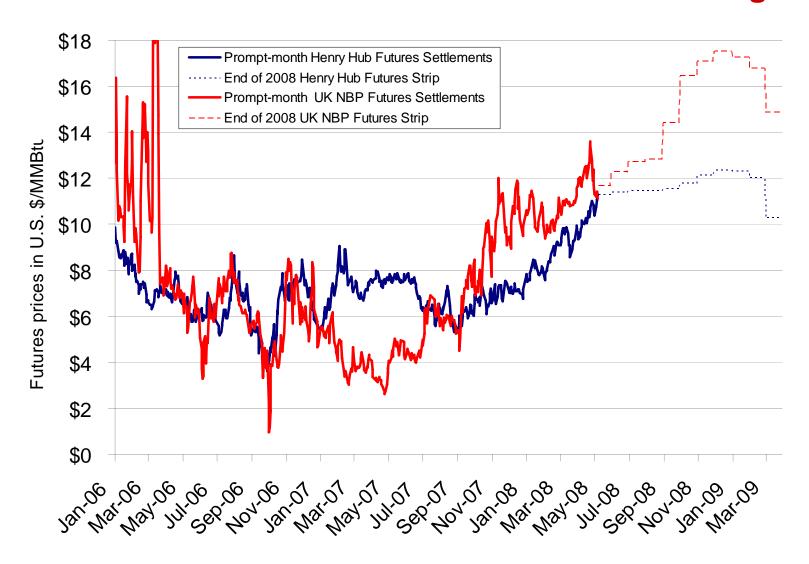
Source: Derived from Nymex data.

Henry Hub Natural Gas Daily Spot Prices 2007, 2008 and 2003-2007 Year Range



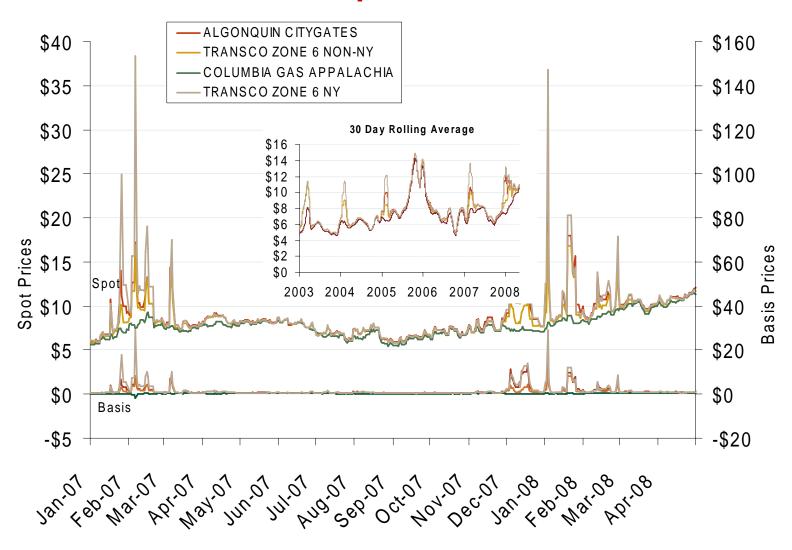
Source: Derived from Platts data.

U. S. Gas Futures Prices Rise Above \$6-\$8 Range

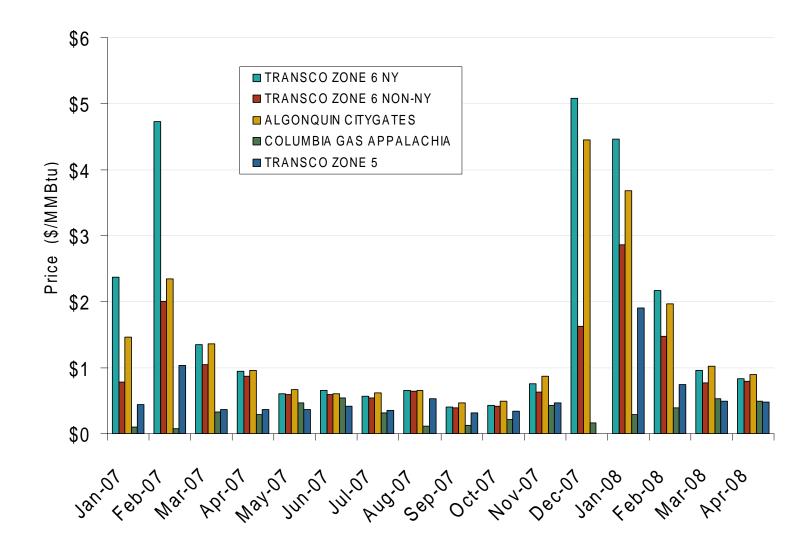


Source: Derived from *NYMEX* and *ICE* data.

Northeastern Spot Prices and Basis

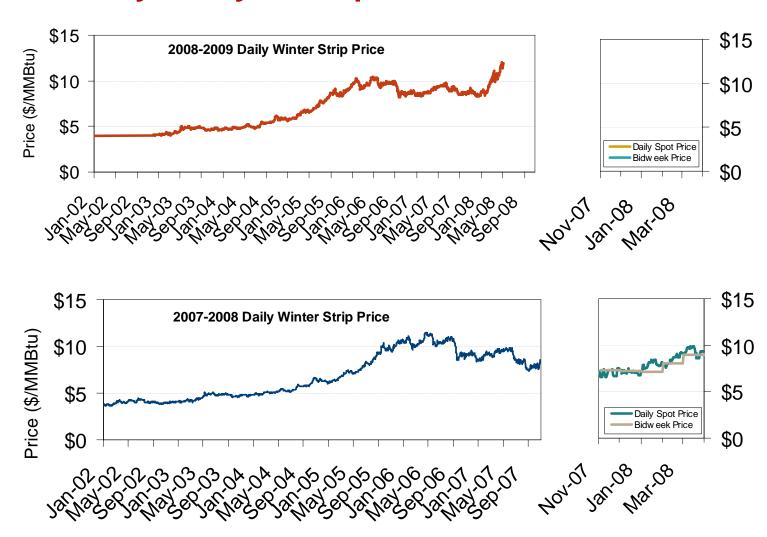


Northeastern Monthly Average Basis Value to Henry Hub

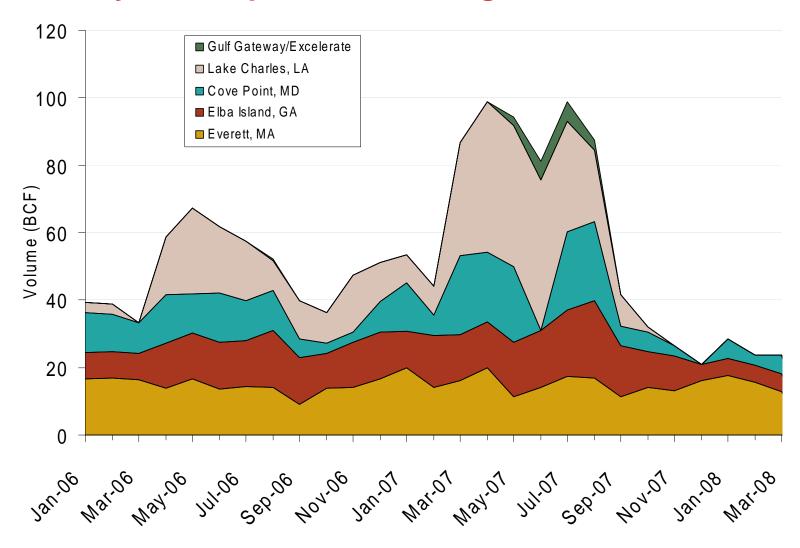


Source: Derived from Platts data.

Natural Gas Winter Futures Strip and Daily Henry Hub Spot and Bidweek Prices

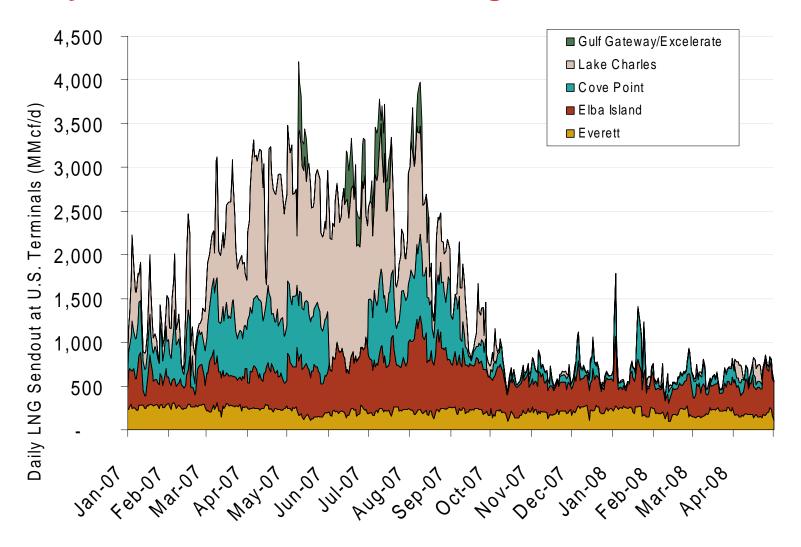


Monthly Gas Imports at Existing U.S. LNG Facilities

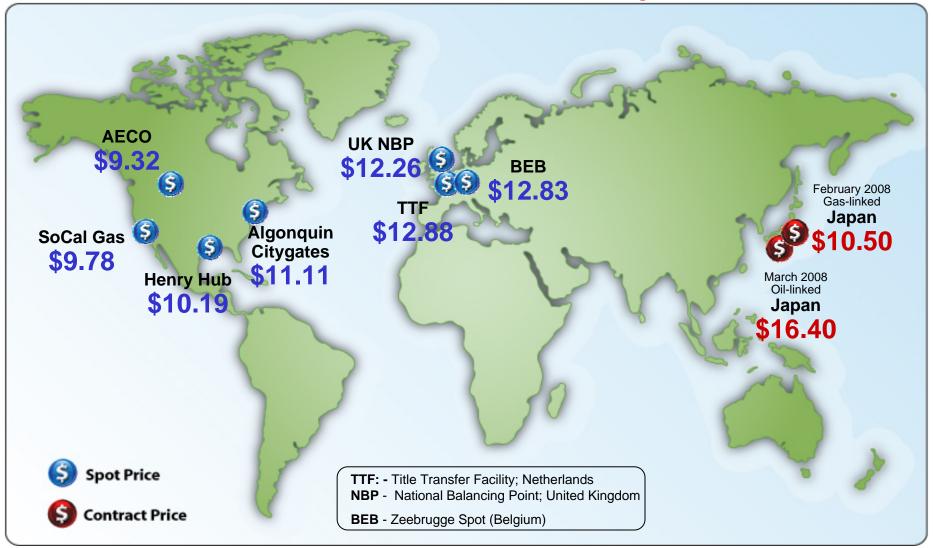


Source: Derived from EIA data.

Daily Gas Sendout from Existing U.S. LNG Facilities

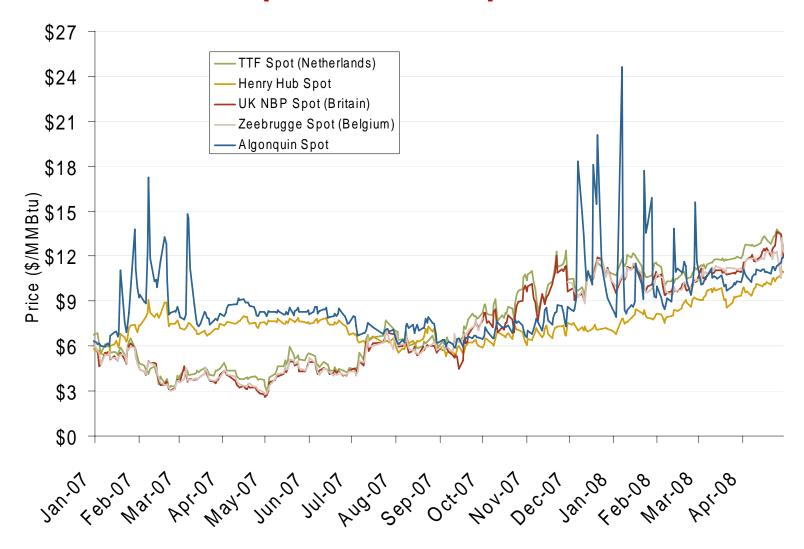


World Natural Gas Prices for April 2008



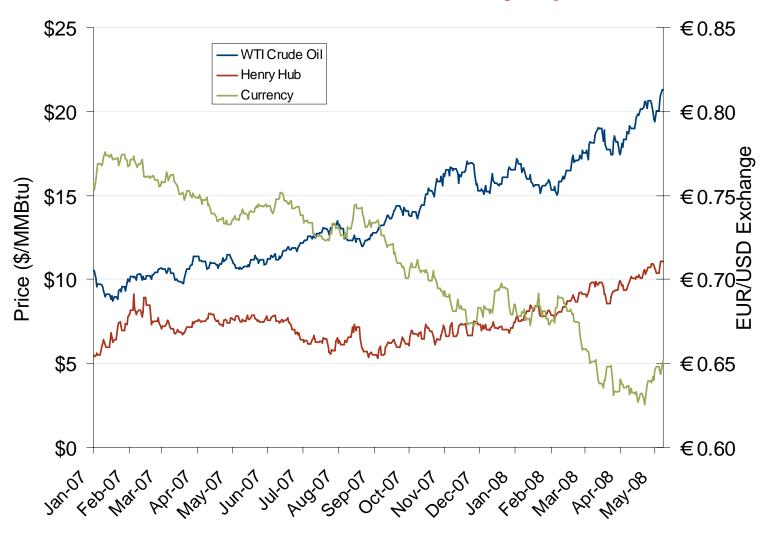
Source: Derived from *Bloomberg, ICE, ICAP and LNG Japan Corp.* data. Spot Price is a monthly average of daily prices. Contract Price is a monthly price. All prices in \$US/MMBtu.

Atlantic Basin European and US Spot Natural Gas Prices



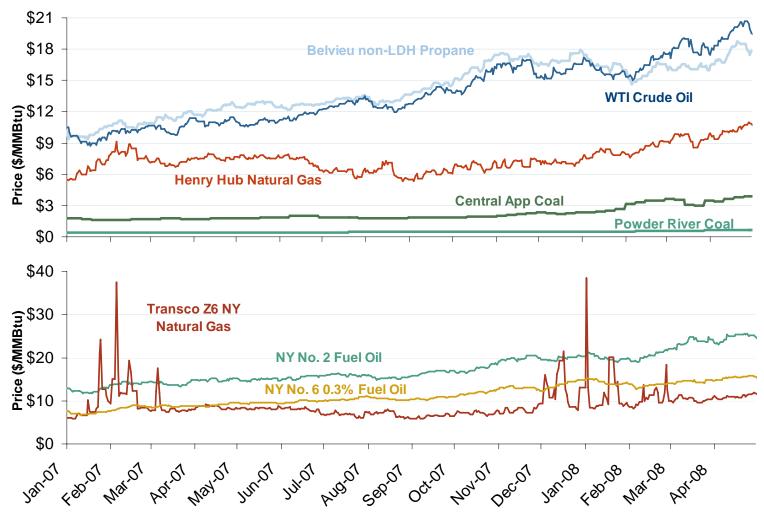
Source: Derived from *Bloomberg* and *ICE* data.

Oil, Natural Gas and Currency Spot Prices



Source: Derived from Bloomberg data.

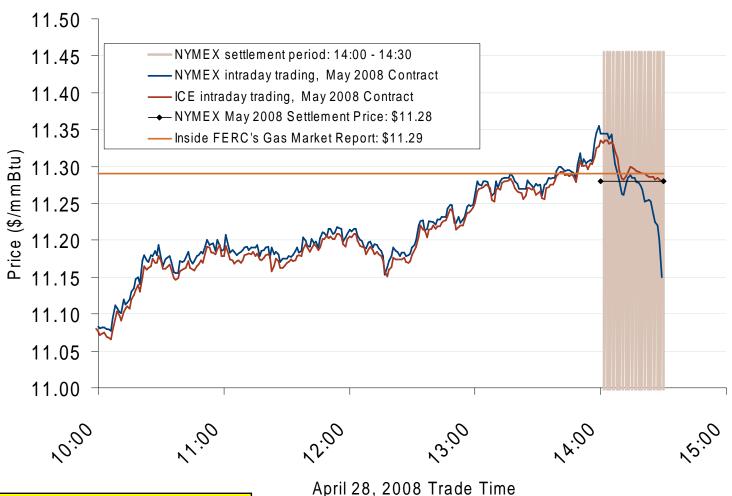
Oil, Coal, Natural Gas and Propane Daily Spot Prices



Source: Derived from ICE and Bloomberg data.

Note: Coal prices are quoted in \$/ton. Conversion factors to \$/MMBtu are based on contract specifications of 12,000 btus/pound for Central Appalachian coal and 8800 btus/pound for Powder River Basin coal.

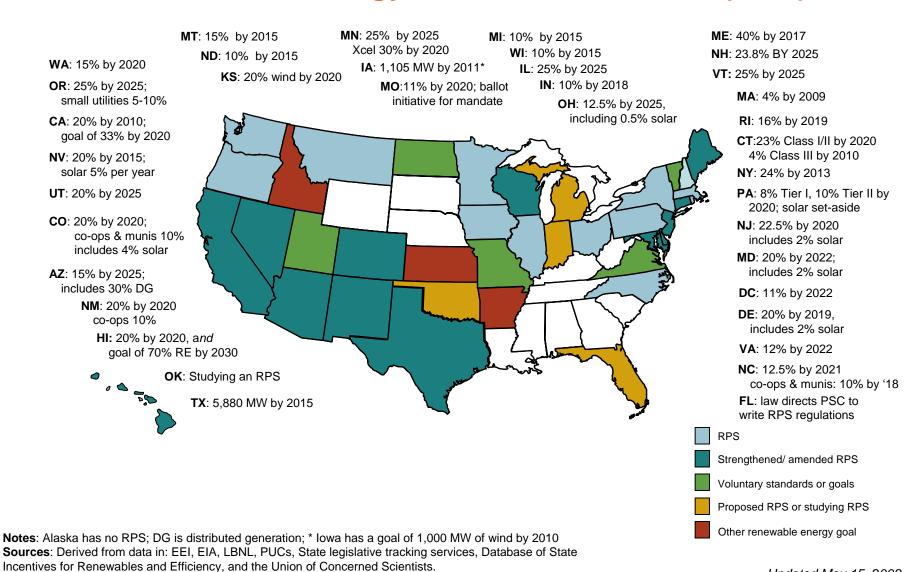
May 2008 NYMEX and ICE Contract Final Settlement Day



See 2003-2007 historical monthly final settlement day charts.

Source: Derived from Nymex and ICE data.

Renewable Energy Portfolio Standards (RPS)

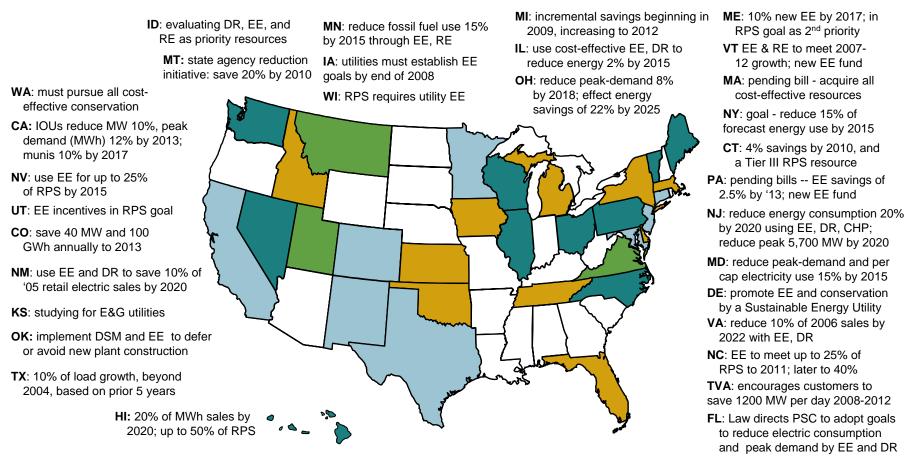


Renewable Energy Portfolio Standards

- A Renewable Portfolio Standard (RPS) requires a percent of energy sales or installed capacity to come from renewable resources.
- 27 states and D.C. have renewable energy standards.
 - Ohio's energy bill created an advanced energy requirement of 25% by 2025. At least half of the requirement should be met with renewable energy, with at least half of that cited in Ohio. There is a solar requirement which peaks at one-half percent in 2025.
 - Florida's Energy Act directs the Public Service Commission to adopt rules for an RPS, including provision for renewable energy credits and trading. The rules are due to the legislature by February 2009 to be ratified. The law did not specify a target percent or an ending year.
 - New Jersey issued its draft Energy Master Plan for public comment. Among the action items to strengthen its RPS and increase its use of renewables are: transitioning the solar program to a fiscally responsible market; developing offshore (1,000 MW) and onshore (200 MW) wind; increasing use of biofuels and biomass; and extending its 22.5% RPS goal to 2025.
- **Five** states have enacted renewable goals without financial penalties.

- Thirteen states include energy efficiency in their RPS or renewable goals; more are considering energy efficiency additions or companion bills.
- Twenty-one generation and transmission co-operatives formed a National Renewable Cooperative Organization (NRCO) to aggregate the needs of co-ops to buy and build renewable energy. Many co-ops have obligations to meet RPS targets in their states, but are also in the midst of renewable-rich areas that cannot get those resources to urban load centers. Its Board called on Congress to do more to make it possible to build (renewable) transmission lines.
- The Western Governor's Association, which covers 19 states, launched a project to identify common transmission needs and potential transmission costs to spur regional renewable energy resource development with Western Renewable Energy Zones (WREZ). Similar renewable transmission zones have been identified in Texas to bring renewable generation from remote areas to load centers.

Energy Efficiency Resource Standards (EERS)



Abbreviations: CHP – Combined heat & power; DR - demand response; DSM - demand side management; EE - energy efficiency; E&G: electric and gas utilities; RPS: Renewable Portfolio Standard **Sources:** ACEEE, EPA, Regulatory Assistance Project, Union of Concerned Scientists, State legislative sites, trade press

EERS by regulation or law (separate from RPS)

Energy efficiency part of an RPS rule or goal

Voluntary standards (in or out of RPS)

Energy efficiency goal proposed / being studied

Energy Efficiency Resource Standards (EERS)

- An energy efficiency resource or portfolio standard (EERS) aims to reduce or flatten electric load growth through energy efficiency measures.
- Goals may specify reductions in energy (MWh), demand (MW), or both.
- Twenty states have energy efficiency standards or goals; thirteen include energy efficiency as part of a renewable portfolio standard or goal.
 - Five states added an EERS in 2007: Minnesota, Virginia, North Carolina, Connecticut, and Illinois.
 - States that enacted significant energy efficiency legislation (standards or goals) in 2008 include: New Mexico, Vermont, Maryland, Utah, Ohio, Florida, and New Jersey.
- At least fourteen states include demand response as a means to reduce consumption or peak load, including: CA, FL, ID, IL, ME, MD, NJ, NM, OH, OK, PA, UT, VA, and VT.
- A dozen states have successfully used decoupling mechanisms for to encourage energy efficiency, mostly for gas distribution utilities. Ohio's law includes decoupling for electric utilities; Maryland approved decoupling in BG&E's rate filing.
- lowa's Energy Efficiency law (SF 2386) establishes a commission on EE standards and practices. It also directs utilities to establish cost-effective EE goals. They must report these by Jan. 1, 2009.

- Ohio enacted energy efficiency standards as part of its hybrid restructuring bill, SB 221:
 - It set an overall energy reduction goal of at least 22% by the end of 2025
 - It set a 7.75% peak demand reduction requirement for electric distribution utilities by the end of 2018.
 - It advocates revenue decoupling for electric and gas utilities to promote energy efficiency.
- Florida's omnibus energy bill includes multiple measures to promote energy efficiency:
 - the PSC must set goals to increase the efficiency of energy consumption, to reduce growth rates of electric consumption, and to reduce growth of weather-sensitive peak demand.
 - It should also promote cost-effective demand- and supply-side efficiency and conservation programs.
 - It may allow efficiency investments in generation, transmission, and distribution, as well as in customer efficiencies.
 - It may allow IOUs to earn additional return on equity for exceeding EE and conservation goals.